Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
									Total	**20.00**	**Each**
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	13 th main										
	for shoulder Drain										
				20	1			0.60		12.00	
									Total	**12.00**	
23	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	Coffee Board Layout park road										
	0.00	15.00	R/S	1.00	15.00	2.00	2.10	2.05	0.30	9.23	
	15.00	30.00	R/S	1.00	15.00	2.10	1.10	1.60	0.30	7.20	
	30.00	45.00	R/S	1.00	15.00	1.10	1.60	1.35	0.30	6.08	
	45.00	60.00	R/S	1.00	15.00	1.60	1.60	1.60	0.30	7.20	
	60.00	75.00	R/S	1.00	15.00	1.60	1.10	1.35	0.30	6.08	
	75.00	90.00	R/S	1.00	15.00	1.10	1.20	1.15	0.30	5.18	
	90.00	105.00	R/S	1.00	15.00	1.20	1.20	1.20	0.30	5.40	
	105.00	120.00	R/S	1.00	15.00	1.20	1.20	1.20	0.30	5.40	
	120.00	135.00	R/S	1.00	15.00	1.20	1.30	1.25	0.30	5.63	
	135.00	150.00	R/S	1.00	15.00	1.30	2.10	1.70	0.30	7.65	
	150.00	165.00	R/S	1.00	15.00	2.10	2.10	2.10	0.30	9.45	
	165.00	180.00	R/S	1.00	15.00	2.10	1.80	1.95	0.30	8.78	
	180.00	195.00	R/S	1.00	15.00	1.80	1.60	1.70	0.30	7.65	
	195.00	210.00	R/S	1.00	15.00	1.60	1.30	1.45	0.30	6.53	
	210.00	225.00	R/S	1.00	15.00	1.30	1.70	1.50	0.30	6.75	
	225.00	240.00	R/S	1.00	15.00	1.70	1.50	1.60	0.30	7.20	
	240.00	255.00	R/S	1.00	15.00	1.50	1.10	1.30	0.30	5.85	
	255.00	270.00	R/S	1.00	15.00	1.10	1.30	1.20	0.30	5.40	
	270.00	285.00	R/S	1.00	15.00	1.30	1.70	1.50	0.30	6.75	
	285.00	300.00	R/S	1.00	15.00	1.70	1.79	1.75	0.30	7.85	
	300.00	315.00	R/S	1.00	15.00	1.79	1.50	1.65	0.30	7.40	

Consultant

For M/s. PARA COMPANY

Partner

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	315.00	324.20	R/S	1.00	9.20	1.50	1.49	1.50	0.30	4.13	
	0.00	15.00	L/S	1.00	15.00	1.19	1.20	1.20	0.30	5.38	
	15.00	30.00	L/S	1.00	15.00	1.20	1.19	1.20	0.30	5.38	
	30.00	45.00	L/S	1.00	15.00	1.19	1.20	1.20	0.30	5.38	
	45.00	60.00	L/S	1.00	15.00	1.20	1.20	1.20	0.30	5.40	
	60.00	75.00	L/S	1.00	15.00	1.15	1.15	1.15	0.30	5.18	
	75.00	90.00	L/S	1.00	15.00	1.15	1.04	1.10	0.30	4.93	
	90.00	105.00	L/S	1.00	15.00	1.04	1.15	1.10	0.30	4.93	
	105.00	120.00	L/S	1.00	15.00	1.15	1.14	1.15	0.30	5.15	
	120.00	135.00	L/S	1.00	15.00	1.14	1.15	1.15	0.30	5.15	
	135.00	150.00	L/S	1.00	15.00	1.15	1.25	1.20	0.30	5.40	
	150.00	165.00	L/S	1.00	15.00	1.25	1.14	1.20	0.30	5.38	
	165.00	180.00	L/S	1.00	15.00	1.14	1.05	1.10	0.30	4.93	
	180.00	195.00	L/S	1.00	15.00	1.05	1.05	1.05	0.30	4.73	
	195.00	210.00	L/S	1.00	15.00	1.05	1.15	1.10	0.30	4.95	
	210.00	225.00	L/S	1.00	15.00	1.15	1.25	1.20	0.30	5.40	
	225.00	240.00	L/S	1.00	15.00	1.25	1.35	1.30	0.30	5.85	
	240.00	255.00	L/S	1.00	15.00	1.35	1.25	1.30	0.30	5.85	
	255.00	270.00	L/S	1.00	15.00	1.25	1.25	1.25	0.30	5.63	
	270.00	285.00	L/S	1.00	15.00	1.25	1.25	1.25	0.30	5.63	
	285.00	300.00	L/S	1.00	15.00	1.25	1.14	1.20	0.30	5.38	
	300.00	315.00	L/S	1.00	15.00	1.14	1.05	1.10	0.30	4.93	
	315.00	324.20	L/S	1.00	9.20	1.05	1.14	1.10	0.30	3.02	
	Bad Reaches										
	Coffee Board Layout park road										
				11.00	5.00	1.40	1.49	1.45	0.30	23.84	
				16.00	2.00	1.39	1.40	1.40	0.30	13.39	
				21.00	0.90	5.30	5.50	5.40	0.30	30.62	
								Total		**330.53**	**Cum**
											ND
											AE(W2) 09/02/18
24	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	Coffee Board Layout park road										

Consultant

Partner

Assistant Engineer

AE(W2) ND

Assistant Executive Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	15.00	R/S	1.00	15.00	2.00	2.10	2.05	0.25	7.69	
	15.00	30.00	R/S	1.00	15.00	2.10	1.10	1.60	0.25	6.00	
	30.00	45.00	R/S	1.00	15.00	1.10	1.60	1.35	0.25	5.06	
	45.00	60.00	R/S	1.00	15.00	1.60	1.60	1.60	0.25	6.00	
	60.00	75.00	R/S	1.00	15.00	1.60	1.10	1.35	0.25	5.06	
	75.00	90.00	R/S	1.00	15.00	1.10	1.20	1.15	0.25	4.31	
	90.00	105.00	R/S	1.00	15.00	1.20	1.20	1.20	0.25	4.50	
	105.00	120.00	R/S	1.00	15.00	1.20	1.20	1.20	0.25	4.50	
	120.00	135.00	R/S	1.00	15.00	1.20	1.30	1.25	0.25	4.69	
	135.00	150.00	R/S	1.00	15.00	1.30	2.10	1.70	0.25	6.38	
	150.00	165.00	R/S	1.00	15.00	2.10	2.10	2.10	0.25	7.88	
	165.00	180.00	R/S	1.00	15.00	2.10	1.80	1.95	0.25	7.31	
	180.00	195.00	R/S	1.00	15.00	1.80	1.60	1.70	0.25	6.38	
	195.00	210.00	R/S	1.00	15.00	1.60	1.30	1.45	0.25	5.44	
	210.00	225.00	R/S	1.00	15.00	1.30	1.70	1.50	0.25	5.63	
	225.00	240.00	R/S	1.00	15.00	1.70	1.50	1.60	0.25	6.00	
	240.00	255.00	R/S	1.00	15.00	1.50	1.10	1.30	0.25	4.88	
	255.00	270.00	R/S	1.00	15.00	1.10	1.30	1.20	0.25	4.50	
	270.00	285.00	R/S	1.00	15.00	1.30	1.70	1.50	0.25	5.63	
	285.00	300.00	R/S	1.00	15.00	1.70	1.79	1.75	0.25	6.54	
	300.00	315.00	R/S	1.00	15.00	1.79	1.50	1.65	0.25	6.17	
	315.00	324.20	R/S	1.00	9.20	1.50	1.49	1.50	0.25	3.44	
	0.00	15.00	L/S	1.00	15.00	1.19	1.20	1.20	0.25	4.48	
	15.00	30.00	L/S	1.00	15.00	1.20	1.19	1.20	0.25	4.48	
	30.00	45.00	L/S	1.00	15.00	1.19	1.20	1.20	0.25	4.48	
	45.00	60.00	L/S	1.00	15.00	1.20	1.20	1.20	0.25	4.50	
	60.00	75.00	L/S	1.00	15.00	1.15	1.15	1.15	0.25	4.31	
	75.00	90.00	L/S	1.00	15.00	1.15	1.04	1.10	0.25	4.11	
	90.00	105.00	L/S	1.00	15.00	1.04	1.15	1.10	0.25	4.11	
	105.00	120.00	L/S	1.00	15.00	1.15	1.14	1.15	0.25	4.29	
	120.00	135.00	L/S	1.00	15.00	1.14	1.15	1.15	0.25	4.29	
	135.00	150.00	L/S	1.00	15.00	1.15	1.25	1.20	0.25	4.50	
	150.00	165.00	L/S	1.00	15.00	1.25	1.14	1.20	0.25	4.48	
	165.00	180.00	L/S	1.00	15.00	1.14	1.05	1.10	0.25	4.11	
	180.00	195.00	L/S	1.00	15.00	1.05	1.05	1.05	0.25	3.94	
	195.00	210.00	L/S	1.00	15.00	1.05	1.15	1.10	0.25	4.13	
	210.00	225.00	L/S	1.00	15.00	1.15	1.25	1.20	0.25	4.50	
	225.00	240.00	L/S	1.00	15.00	1.25	1.35	1.30	0.25	4.88	
	240.00	255.00	L/S	1.00	15.00	1.35	1.25	1.30	0.25	4.88	
	255.00	270.00	L/S	1.00	15.00	1.25	1.25	1.25	0.25	4.69	

Consultant

For M/s. RAM & COMPANY

Partner

Assistant Engineer

AE(W4)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	270.00	285.00	L/S	1.00	15.00	1.25	1.25	1.25	0.25	4.69	
	285.00	300.00	L/S	1.00	15.00	1.25	1.14	1.20	0.25	4.48	
	300.00	315.00	L/S	1.00	15.00	1.14	1.05	1.10	0.25	4.11	
	315.00	324.20	L/S	1.00	9.20	1.05	1.14	1.10	0.25	2.52	
	Bad Reaches										
	Coffee Board Layout park road										
				11.00	5.00	1.40	1.49	1.45	0.25	19.87	
				16.00	2.00	1.39	1.40	1.40	0.25	11.16	
				21.00	0.90	5.30	5.50	5.40	0.25	25.52	
									Total	**275.44**	**Cum**
25	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
	Coffee Board Layout park road										
	0.00	15.00	R/S	1.00	15.00	2.00	2.10	2.05		30.75	
	15.00	30.00	R/S	1.00	15.00	2.10	1.10	1.60		24.00	
	30.00	45.00	R/S	1.00	15.00	1.10	1.60	1.35		20.25	
	45.00	60.00	R/S	1.00	15.00	1.60	1.60	1.60		24.00	
	60.00	75.00	R/S	1.00	15.00	1.60	1.10	1.35		20.25	
	75.00	90.00	R/S	1.00	15.00	1.10	1.20	1.15		17.25	
	90.00	105.00	R/S	1.00	15.00	1.20	1.20	1.20		18.00	
	105.00	120.00	R/S	1.00	15.00	1.20	1.20	1.20		18.00	
	120.00	135.00	R/S	1.00	15.00	1.20	1.30	1.25		18.75	
	135.00	150.00	R/S	1.00	15.00	1.30	2.10	1.70		25.50	
	150.00	165.00	R/S	1.00	15.00	2.10	2.10	2.10		31.50	
	165.00	180.00	R/S	1.00	15.00	2.10	1.80	1.95		29.25	
	180.00	195.00	R/S	1.00	15.00	1.80	1.60	1.70		25.50	
	195.00	210.00	R/S	1.00	15.00	1.60	1.30	1.45		21.75	
	210.00	225.00	R/S	1.00	15.00	1.30	1.70	1.50		22.50	
	225.00	240.00	R/S	1.00	15.00	1.70	1.50	1.60		24.00	
	240.00	255.00	R/S	1.00	15.00	1.50	1.10	1.30		19.50	
	255.00	270.00	R/S	1.00	15.00	1.10	1.30	1.20		18.00	
	270.00	285.00	R/S	1.00	15.00	1.30	1.70	1.50		22.50	
	285.00	300.00	R/S	1.00	15.00	1.70	1.79	1.75		26.18	
	300.00	315.00	R/S	1.00	15.00	1.79	1.50	1.65		24.68	
	315.00	324.20	R/S	1.00	9.20	1.50	1.49	1.50		13.75	

For M/s. RAMA & COMPANY

Consultant

Partner

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	15.00	L/S	1.00	15.00	1.19	1.20	1.20		17.93	
	15.00	30.00	L/S	1.00	15.00	1.20	1.19	1.20		17.93	
	30.00	45.00	L/S	1.00	15.00	1.19	1.20	1.20		17.93	
	45.00	60.00	L/S	1.00	15.00	1.20	1.20	1.20		18.00	
	60.00	75.00	L/S	1.00	15.00	1.15	1.15	1.15		17.25	
	75.00	90.00	L/S	1.00	15.00	1.15	1.04	1.10		16.43	
	90.00	105.00	L/S	1.00	15.00	1.04	1.15	1.10		16.43	
	105.00	120.00	L/S	1.00	15.00	1.15	1.14	1.15		17.18	
	120.00	135.00	L/S	1.00	15.00	1.14	1.15	1.15		17.18	
	135.00	150.00	L/S	1.00	15.00	1.15	1.25	1.20		18.00	
	150.00	165.00	L/S	1.00	15.00	1.25	1.14	1.20		17.93	
	165.00	180.00	L/S	1.00	15.00	1.14	1.05	1.10		16.43	
	180.00	195.00	L/S	1.00	15.00	1.05	1.05	1.05		15.75	
	195.00	210.00	L/S	1.00	15.00	1.05	1.15	1.10		16.50	
	210.00	225.00	L/S	1.00	15.00	1.15	1.25	1.20		18.00	
	225.00	240.00	L/S	1.00	15.00	1.25	1.35	1.30		19.50	
	240.00	255.00	L/S	1.00	15.00	1.35	1.25	1.30		19.50	
	255.00	270.00	L/S	1.00	15.00	1.25	1.25	1.25		18.75	
	270.00	285.00	L/S	1.00	15.00	1.25	1.25	1.25		18.75	
	285.00	300.00	L/S	1.00	15.00	1.25	1.14	1.20		17.93	
	300.00	315.00	L/S	1.00	15.00	1.14	1.05	1.10		16.43	
	315.00	324.20	L/S	1.00	9.20	1.05	1.14	1.10		10.07	
	Bad Reaches										
	Coffee Board Layout park road										
				11.00	5.00	1.40	1.49	1.45		79.48	
				16.00	2.00	1.39	1.40	1.40		44.64	
				21.00	0.90	5.30	5.50	5.40		102.06	
							Total Quantity			**1101.78**	**Sqm**
26	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										
	Coffee Board Layout park road										
	0.00	15.00		1.00	15.00	8.15	7.75	7.95		119.25	
	15.00	30.00		1.00	15.00	7.75	7.55	7.65		114.75	
	30.00	45.00		1.00	15.00	7.55	6.05	6.80		102.00	
	45.00	60.00		1.00	15.00	6.05	5.84	5.95		89.18	
	60.00	75.00		1.00	15.00	5.84	5.56	5.70		85.50	

Consultant

For M/s. RAM & COMPANY

Partner

Assistant Engineer

AE(Nor)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	75.00	90.00		1.00	15.00	5.56	5.24	5.40		81.00	
	90.00	105.00		1.00	15.00	5.24	5.65	5.45		81.68	
	105.00	120.00		1.00	15.00	5.65	5.95	5.80		87.00	
	120.00	135.00		1.00	15.00	5.95	7.05	6.50		97.50	
	135.00	150.00		1.00	15.00	7.05	6.95	7.00		105.00	
	150.00	165.00		1.00	15.00	6.95	6.44	6.70		100.43	
	165.00	180.00		1.00	15.00	6.44	6.45	6.45		96.68	
	180.00	195.00		1.00	15.00	6.45	6.64	6.55		98.18	
	195.00	210.00		1.00	15.00	6.64	6.05	6.35		95.18	
	210.00	225.00		1.00	15.00	6.05	6.75	6.40		96.00	
	225.00	240.00		1.00	15.00	6.75	5.54	6.15		92.18	
	240.00	255.00		1.00	15.00	5.54	6.65	6.10		91.43	
	255.00	270.00		1.00	15.00	6.65	6.65	6.65		99.75	
	270.00	285.00		1.00	15.00	6.65	6.64	6.65		99.68	
	285.00	300.00		1.00	15.00	6.64	6.25	6.45		96.68	
	300.00	315.00		1.00	15.00	6.25	6.94	6.60		98.93	
	315.00	327.00		1.00	12.00	6.94	7.65	7.30		87.54	
	327.00	330.00		1.00	3.00	7.65	7.34	7.50		22.49	
	330.00	346.00		1.00	16.00	7.34	5.45	6.40		102.32	
	Deduction prime coat										
										-1101.78	
	3rd Cross Road										
	0.00	15.00		1.00	15.00	12.10	11.10	11.60		174.00	
	15.00	30.00		1.00	15.00	11.10	10.90	11.00		165.00	
	30.00	45.00		1.00	15.00	10.90	10.90	10.90		163.50	
	45.00	60.00		1.00	15.00	10.90	9.80	10.35		155.25	
	60.00	75.00		1.00	15.00	9.80	10.00	9.90		148.50	
	75.00	90.00		1.00	15.00	10.00	10.00	10.00		150.00	
	90.00	105.00		1.00	15.00	10.00	10.00	10.00		150.00	
	105.00	115.00		1.00	10.00	10.00	12.00	11.00		110.00	
	115.00	126.00		1.00	11.00	12.00	14.90	13.45		147.95	
	126.00	140.00		1.00	14.00	14.90	10.10	12.50		175.00	
	140.00	155.00		1.00	15.00	10.10	10.10	10.10		151.50	
	155.00	170.00		1.00	15.00	10.10	10.19	10.15		152.18	
	170.00	185.00		1.00	15.00	10.19	10.20	10.20		152.93	
	185.00	200.00		1.00	15.00	10.20	10.20	10.20		153.00	
	200.00	215.00		1.00	15.00	10.20	10.20	10.20		153.00	
	215.00	224.00		1.00	9.00	10.20	12.50	11.35		102.15	
	224.00	232.00		1.00	8.00	12.50	12.50	12.50		100.00	

For M/s. RAMA COMPANY

Partner

Consultant

Assistant Engineer

AE (W7)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	232.00	245.00		1.00	13.00	12.50	10.20	11.35		147.55	
	245.00	260.00		1.00	15.00	10.20	10.20	10.20		153.00	
	260.00	272.00		1.00	12.00	10.20	10.30	10.25		123.00	
	272.00	284.00		1.00	12.00	10.30	13.09	11.70		140.34	
	284.00	290.00		1.00	6.00	13.09	10.20	11.65		69.87	
	290.00	300.00		1.00	10.00	10.20	10.00	10.10		101.00	
	300.00	315.00		1.00	15.00	10.00	9.90	9.95		149.25	
	315.00	330.00		1.00	15.00	9.90	10.10	10.00		150.00	
	330.00	345.00		1.00	15.00	10.10	10.00	10.05		150.75	
	345.00	360.00		1.00	15.00	10.00	10.00	10.00		150.00	
	360.00	375.00		1.00	15.00	10.00	10.09	10.05		150.68	
	375.00	390.00		1.00	15.00	10.09	10.10	10.10		151.43	
	390.00	405.00		1.00	15.00	10.10	10.19	10.15		152.18	
	405.00	420.00		1.00	15.00	10.19	10.20	10.20		152.93	
	420.00	435.00		1.00	15.00	10.20	10.10	10.15		152.25	
	435.00	439.00		1.00	4.00	10.10	10.00	10.05		40.20	
	439.00	449.00		1.00	10.00	10.00	13.09	11.55		115.45	
	449.00	465.00		1.00	16.00	13.09	10.40	11.75		187.92	
	465.00	480.00		1.00	15.00	10.40	10.80	10.60		159.00	
	480.00	490.00		1.00	10.00	10.80	13.40	12.10		121.00	
	490.00	493.00		1.00	3.00	13.40	14.30	13.85	15/2/18	41.55	
								Total Quantity		**6401.77**	**Sqm**
27	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	Coffee Board Layout park road										
	For DBM										
	0.00	15.00	R/S	1.00	15.00	2.00	2.10	2.05		30.75	
	15.00	30.00	R/S	1.00	15.00	2.10	1.10	1.60		24.00	
	30.00	45.00	R/S	1.00	15.00	1.10	1.60	1.35		20.25	
	45.00	60.00	R/S	1.00	15.00	1.60	1.60	1.60		24.00	
	60.00	75.00	R/S	1.00	15.00	1.60	1.10	1.35		20.25	
	75.00	90.00	R/S	1.00	15.00	1.10	1.20	1.15		17.25	
	90.00	105.00	R/S	1.00	15.00	1.20	1.20	1.20		18.00	
	105.00	120.00	R/S	1.00	15.00	1.20	1.20	1.20		18.00	
	120.00	135.00	R/S	1.00	15.00	1.20	1.30	1.25		18.75	
	135.00	150.00	R/S	1.00	15.00	1.30	2.10	1.70		25.50	
	150.00	165.00	R/S	1.00	15.00	2.10	2.10	2.10		31.50	

Consultant

For M/s. RAM & COMPANY

Partner

Assistant Engineer

AE(W-7)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	165.00	180.00	R/S	1.00	15.00	2.10	1.80	1.95		29.25	
	180.00	195.00	R/S	1.00	15.00	1.80	1.60	1.70		25.50	
	195.00	210.00	R/S	1.00	15.00	1.60	1.30	1.45		21.75	
	210.00	225.00	R/S	1.00	15.00	1.30	1.70	1.50		22.50	
	225.00	240.00	R/S	1.00	15.00	1.70	1.50	1.60		24.00	
	240.00	255.00	R/S	1.00	15.00	1.50	1.10	1.30		19.50	
	255.00	270.00	R/S	1.00	15.00	1.10	1.30	1.20		18.00	
	270.00	285.00	R/S	1.00	15.00	1.30	1.70	1.50		22.50	
	285.00	300.00	R/S	1.00	15.00	1.70	1.79	1.75		26.18	
	300.00	315.00	R/S	1.00	15.00	1.79	1.50	1.65		24.68	
	315.00	324.20	R/S	1.00	9.20	1.50	1.49	1.50		13.75	
	0.00	15.00	L/S	1.00	15.00	1.19	1.20	1.20		17.93	
	15.00	30.00	L/S	1.00	15.00	1.20	1.19	1.20		17.93	
	30.00	45.00	L/S	1.00	15.00	1.19	1.20	1.20		17.93	
	45.00	60.00	L/S	1.00	15.00	1.20	1.20	1.20		18.00	
	60.00	75.00	L/S	1.00	15.00	1.15	1.15	1.15		17.25	
	75.00	90.00	L/S	1.00	15.00	1.15	1.04	1.10		16.43	
	90.00	105.00	L/S	1.00	15.00	1.04	1.15	1.10		16.43	
	105.00	120.00	L/S	1.00	15.00	1.15	1.14	1.15		17.18	
	120.00	135.00	L/S	1.00	15.00	1.14	1.15	1.15		17.18	
	135.00	150.00	L/S	1.00	15.00	1.15	1.25	1.20		18.00	
	150.00	165.00	L/S	1.00	15.00	1.25	1.14	1.20		17.93	
	165.00	180.00	L/S	1.00	15.00	1.14	1.05	1.10		16.43	
	180.00	195.00	L/S	1.00	15.00	1.05	1.05	1.05		15.75	
	195.00	210.00	L/S	1.00	15.00	1.05	1.15	1.10		16.50	
	210.00	225.00	L/S	1.00	15.00	1.15	1.25	1.20		18.00	
	225.00	240.00	L/S	1.00	15.00	1.25	1.35	1.30		19.50	
	240.00	255.00	L/S	1.00	15.00	1.35	1.25	1.30		19.50	
	255.00	270.00	L/S	1.00	15.00	1.25	1.25	1.25		18.75	
	270.00	285.00	L/S	1.00	15.00	1.25	1.25	1.25		18.75	
	285.00	300.00	L/S	1.00	15.00	1.25	1.14	1.20		17.93	
	300.00	315.00	L/S	1.00	15.00	1.14	1.05	1.10		16.43	
	315.00	324.20	L/S	1.00	9.20	1.05	1.14	1.10		10.07	
	Bad Reaches										
	Coffee Board Layout park road										
				11.00	5.00	1.40	1.49	1.45		79.48	
				16.00	2.00	1.39	1.40	1.40		44.64	
				21.00	0.90	5.30	5.50	5.40		102.06	
	Profile Corection										
	3rd Cross Road										

FORMERLY ... COMPANY

Consultant

Partner

Assistant Engineer

AE(WZ)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	15.00		1.00	7.00	3.50	4.00	3.75		26.25	
	15.00	30.00		1.00	8.00	4.00	3.50	3.75		30.00	
	30.00	45.00		1.00	6.00	3.50	3.85	3.68		22.05	
	45.00	60.00		1.00	5.00	3.85	4.05	3.95		19.75	
	60.00	75.00		1.00	7.00	4.05	4.00	4.03		28.18	
	75.00	90.00		1.00	7.00	4.00	3.60	3.80		26.60	
	90.00	105.00		1.00	6.00	3.60	3.65	3.63		21.75	
	115.00	126.00		1.00	7.00	3.65	3.85	3.75		26.25	
	126.00	140.00		1.00	9.00	3.85	4.00	3.93		35.33	
	170.00	185.00		1.00	8.00	4.00	3.95	3.98		31.80	
	224.00	232.00		1.00	7.00	3.95	3.90	3.93		27.48	
	245.00	260.00		1.00	6.00	3.90	3.85	3.88		23.25	
	272.00	284.00		1.00	5.00	3.85	3.95	3.90		19.50	
	300.00	315.00		1.00	7.00	3.95	3.90	3.93		27.48	
	330.00	345.00		1.00	5.00	3.90	4.00	3.95		19.75	
	420.00	435.00		1.00	8.00	4.00	4.05	4.03		32.20	
	439.00	449.00		1.00	6.00	4.05	3.95	4.00		24.00	
	449.00	465.00		1.00	4.00	3.95	4.00	3.98		15.90	
	490.00	493.00		1.00	2.00	4.00	3.95	3.98		7.95	
	Coffee Board Layout park road										
	For Laying BC										
	0.00	15.00		1.00	15.00	8.15	7.75	7.95		119.25	
	15.00	30.00		1.00	15.00	7.75	7.55	7.65		114.75	
	30.00	45.00		1.00	15.00	7.55	6.05	6.80		102.00	
	45.00	60.00		1.00	15.00	6.05	5.84	5.95		89.18	
	60.00	75.00		1.00	15.00	5.84	5.56	5.70		85.50	
	75.00	90.00		1.00	15.00	5.56	5.24	5.40		81.00	
	90.00	105.00		1.00	15.00	5.24	5.65	5.45		81.68	
	105.00	120.00		1.00	15.00	5.65	5.95	5.80		87.00	
	120.00	135.00		1.00	15.00	5.95	7.05	6.50		97.50	
	135.00	150.00		1.00	15.00	7.05	6.95	7.00		105.00	
	150.00	165.00		1.00	15.00	6.95	6.44	6.70		100.43	
	165.00	180.00		1.00	15.00	6.44	6.45	6.45		96.68	
	180.00	195.00		1.00	15.00	6.45	6.64	6.55		98.18	
	195.00	210.00		1.00	15.00	6.64	6.05	6.35		95.18	
	210.00	225.00		1.00	15.00	6.05	6.75	6.40		96.00	
	225.00	240.00		1.00	15.00	6.75	5.54	6.15		92.18	
	240.00	255.00		1.00	15.00	5.54	6.65	6.10		91.43	
	255.00	270.00		1.00	15.00	6.65	6.65	6.65		99.75	
	270.00	285.00		1.00	15.00	6.65	6.64	6.65		99.68	
	285.00	300.00		1.00	15.00	6.64	6.25	6.45		96.68	
	300.00	315.00		1.00	15.00	6.25	6.94	6.60		98.93	

AE(W2) 16/2/18

Consultant

For M/s. RAMS COMPANY

Partner

Assistant Engineer

AE(W2)

Assistant Executive Engineer

Kodigehalli Sub Division,

Yelahanka Zone, B.B.M.P.

Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	315.00	327.00		1.00	12.00	6.94	7.65	7.30		87.54	
	327.00	330.00		1.00	3.00	7.65	7.34	7.50		22.49	
	330.00	346.00		1.00	16.00	7.34	5.45	6.40		102.32	
	3rd Cross Road										
	For Laying BC										
	0.00	15.00		1.00	15.00	12.10	11.10	11.60		174.00	
	15.00	30.00		1.00	15.00	11.10	10.90	11.00		165.00	
	30.00	45.00		1.00	15.00	10.90	10.90	10.90		163.50	
	45.00	60.00		1.00	15.00	10.90	9.80	10.35		155.25	
	60.00	75.00		1.00	15.00	9.80	10.00	9.90		148.50	
	75.00	90.00		1.00	15.00	10.00	10.00	10.00		150.00	
	90.00	105.00		1.00	15.00	10.00	10.00	10.00		150.00	
	105.00	115.00		1.00	10.00	10.00	12.00	11.00		110.00	
	115.00	126.00		1.00	11.00	12.00	14.90	13.45		147.95	
	126.00	140.00		1.00	14.00	14.90	10.10	12.50		175.00	
	140.00	155.00		1.00	15.00	10.10	10.10	10.10		151.50	
	155.00	170.00		1.00	15.00	10.10	10.19	10.15		152.18	
	170.00	185.00		1.00	15.00	10.19	10.20	10.20		152.93	
	185.00	200.00		1.00	15.00	10.20	10.20	10.20		153.00	
	200.00	215.00		1.00	15.00	10.20	10.20	10.20		153.00	
	215.00	224.00		1.00	9.00	10.20	12.50	11.35		102.15	
	224.00	232.00		1.00	8.00	12.50	12.50	12.50		100.00	
	232.00	245.00		1.00	13.00	12.50	10.20	11.35		147.55	
	245.00	260.00		1.00	15.00	10.20	10.20	10.20		153.00	
	260.00	272.00		1.00	12.00	10.20	10.30	10.25		123.00	
	272.00	284.00		1.00	12.00	10.30	13.09	11.70		140.34	
	284.00	290.00		1.00	6.00	13.09	10.20	11.65		69.87	
	290.00	300.00		1.00	10.00	10.20	10.00	10.10		101.00	
	300.00	315.00		1.00	15.00	10.00	9.90	9.95		149.25	
	315.00	330.00		1.00	15.00	9.90	10.10	10.00		150.00	
	330.00	345.00		1.00	15.00	10.10	10.00	10.05		150.75	
	345.00	360.00		1.00	15.00	10.00	10.00	10.00		150.00	
	360.00	375.00		1.00	15.00	10.00	10.09	10.05		150.68	
	375.00	390.00		1.00	15.00	10.09	10.10	10.10		151.43	
	390.00	405.00		1.00	15.00	10.10	10.19	10.15		152.18	
	405.00	420.00		1.00	15.00	10.19	10.20	10.20		152.93	
	420.00	435.00		1.00	15.00	10.20	10.10	10.15		152.25	
	435.00	439.00		1.00	4.00	10.10	10.00	10.05		40.20	
	439.00	449.00		1.00	10.00	10.00	13.09	11.55		115.45	
	449.00	465.00		1.00	16.00	13.09	10.40	11.75		187.92	
	465.00	480.00		1.00	15.00	10.40	10.80	10.60		159.00	
	480.00	490.00		1.00	10.00	10.80	13.40	12.10		121.00	

For M/s. RAM & COMPANY

Consultant

Partner

Assistant Engineer

AE(W7)

Assistant Executive Engineer

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	490.00	493.00		1.00	3.00	13.40	14.30	13.85		41.55	
							Total Quantity			9070.78	Sqm
28	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.162 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)										
	Coffee Board Layout park road										
	0.00	15.00	R/S	1.00	15.00	2.00	2.10	2.05	0.05	1.54	
	15.00	30.00	R/S	1.00	15.00	2.10	1.10	1.60	0.05	1.20	
	30.00	45.00	R/S	1.00	15.00	1.10	1.60	1.35	0.05	1.01	
	45.00	60.00	R/S	1.00	15.00	1.60	1.60	1.60	0.05	1.20	
	60.00	75.00	R/S	1.00	15.00	1.60	1.10	1.35	0.05	1.01	
	75.00	90.00	R/S	1.00	15.00	1.10	1.20	1.15	0.05	0.86	
	90.00	105.00	R/S	1.00	15.00	1.20	1.20	1.20	0.05	0.90	
	105.00	120.00	R/S	1.00	15.00	1.20	1.20	1.20	0.05	0.90	
	120.00	135.00	R/S	1.00	15.00	1.20	1.30	1.25	0.05	0.94	
	135.00	150.00	R/S	1.00	15.00	1.30	2.10	1.70	0.05	1.28	
	150.00	165.00	R/S	1.00	15.00	2.10	2.10	2.10	0.05	1.58	
	165.00	180.00	R/S	1.00	15.00	2.10	1.80	1.95	0.05	1.46	
	180.00	195.00	R/S	1.00	15.00	1.80	1.60	1.70	0.05	1.28	
	195.00	210.00	R/S	1.00	15.00	1.60	1.30	1.45	0.05	1.09	
	210.00	225.00	R/S	1.00	15.00	1.30	1.70	1.50	0.05	1.13	
	225.00	240.00	R/S	1.00	15.00	1.70	1.50	1.60	0.05	1.20	
	240.00	255.00	R/S	1.00	15.00	1.50	1.10	1.30	0.05	0.98	
	255.00	270.00	R/S	1.00	15.00	1.10	1.30	1.20	0.05	0.90	
	270.00	285.00	R/S	1.00	15.00	1.30	1.70	1.50	0.05	1.13	
	285.00	300.00	R/S	1.00	15.00	1.70	1.79	1.75	0.05	1.31	
	300.00	315.00	R/S	1.00	15.00	1.79	1.50	1.65	0.05	1.23	
	315.00	324.20	R/S	1.00	9.20	1.50	1.49	1.50	0.05	0.69	
	0.00	15.00	L/S	1.00	15.00	1.19	1.20	1.20	0.05	0.90	
	15.00	30.00	L/S	1.00	15.00	1.20	1.19	1.20	0.05	0.90	
	30.00	45.00	L/S	1.00	15.00	1.19	1.20	1.20	0.05	0.90	
	45.00	60.00	L/S	1.00	15.00	1.20	1.20	1.20	0.05	0.90	
	60.00	75.00	L/S	1.00	15.00	1.15	1.15	1.15	0.05	0.86	
	75.00	90.00	L/S	1.00	15.00	1.15	1.04	1.10	0.05	0.82	

Consultant

For M/s. [illegible] & COMPANY

Partner

Assistant Engineer

AE(WD)

Assistant Executive Engineer

Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	105.00	L/S	1.00	15.00	1.04	1.15	1.10	0.05	0.82	
	105.00	120.00	L/S	1.00	15.00	1.15	1.14	1.15	0.05	0.86	
	120.00	135.00	L/S	1.00	15.00	1.14	1.15	1.15	0.05	0.86	
	135.00	150.00	L/S	1.00	15.00	1.15	1.25	1.20	0.05	0.90	
	150.00	165.00	L/S	1.00	15.00	1.25	1.14	1.20	0.05	0.90	
	165.00	180.00	L/S	1.00	15.00	1.14	1.05	1.10	0.05	0.82	
	180.00	195.00	L/S	1.00	15.00	1.05	1.05	1.05	0.05	0.79	
	195.00	210.00	L/S	1.00	15.00	1.05	1.15	1.10	0.05	0.83	
	210.00	225.00	L/S	1.00	15.00	1.15	1.25	1.20	0.05	0.90	
	225.00	240.00	L/S	1.00	15.00	1.25	1.35	1.30	0.05	0.98	
	240.00	255.00	L/S	1.00	15.00	1.35	1.25	1.30	0.05	0.98	
	255.00	270.00	L/S	1.00	15.00	1.25	1.25	1.25	0.05	0.94	
	270.00	285.00	L/S	1.00	15.00	1.25	1.25	1.25	0.05	0.94	
	285.00	300.00	L/S	1.00	15.00	1.25	1.14	1.20	0.05	0.90	
	300.00	315.00	L/S	1.00	15.00	1.14	1.05	1.10	0.05	0.82	
	315.00	324.20	L/S	1.00	9.20	1.05	1.14	1.10	0.05	0.50	
	Bad Reaches										
	Coffee Board Layout park road										
				11.00	5.00	1.40	1.49	1.45	0.05	3.97	
				16.00	2.00	1.39	1.40	1.40	0.05	2.23	
				21.00	0.90	5.30	5.50	5.40	0.05	5.10	
	Profile Corection										
	3rd Cross Road										
	0.00	15.00		1.00	7.00	3.50	4.00	3.75	0.05	1.31	
	15.00	30.00		1.00	8.00	4.00	3.50	3.75	0.05	1.50	
	30.00	45.00		1.00	6.00	3.50	3.85	3.68	0.05	1.10	
	45.00	60.00		1.00	5.00	3.85	4.05	3.95	0.05	0.99	
	60.00	75.00		1.00	7.00	4.05	4.00	4.03	0.05	1.41	
	75.00	90.00		1.00	7.00	4.00	3.60	3.80	0.05	1.33	
	90.00	105.00		1.00	6.00	3.60	3.65	3.63	0.05	1.09	
	115.00	126.00		1.00	7.00	3.65	3.85	3.75	0.05	1.31	
	126.00	140.00		1.00	9.00	3.85	4.00	3.93	0.05	1.77	
	170.00	185.00		1.00	8.00	4.00	3.95	3.98	0.05	1.59	
	224.00	232.00		1.00	7.00	3.95	3.90	3.93	0.05	1.37	
	245.00	260.00		1.00	6.00	3.90	3.85	3.88	0.05	1.16	
	272.00	284.00		1.00	5.00	3.85	3.95	3.90	0.05	0.98	
	300.00	315.00		1.00	7.00	3.95	3.90	3.93	0.05	1.37	
	330.00	345.00		1.00	5.00	3.90	4.00	3.95	0.05	0.99	
	420.00	435.00		1.00	8.00	4.00	4.05	4.03	0.05	1.61	
	439.00	449.00		1.00	6.00	4.05	3.95	4.00	0.05	1.20	
	449.00	465.00		1.00	4.00	3.95	4.00	3.98	0.05	0.80	
	490.00	493.00		1.00	2.00	4.00	3.95	3.98	0.05	0.40	

Consultant

For M/s. R.V.M & COMPANY

Partner

Assistant Engineer

AE (Ret)

Assistant Executive Engineer

Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Boa ariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
							Total Quantity			78.36	Cum
										Abhilly. N.D AE(W-7) 17/02/18	
29	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	Coffee Board Layout park road										
	For Laying BC										
	0.00	15.00		1.00	15.00	8.15	7.75	7.95	0.04	4.77	
	15.00	30.00		1.00	15.00	7.75	7.55	7.65	0.04	4.59	
	30.00	45.00		1.00	15.00	7.55	6.05	6.80	0.04	4.08	
	45.00	60.00		1.00	15.00	6.05	5.84	5.95	0.04	3.57	
	60.00	75.00		1.00	15.00	5.84	5.56	5.70	0.04	3.42	
	75.00	90.00		1.00	15.00	5.56	5.24	5.40	0.04	3.24	
	90.00	105.00		1.00	15.00	5.24	5.65	5.45	0.04	3.27	
	105.00	120.00		1.00	15.00	5.65	5.95	5.80	0.04	3.48	
	120.00	135.00		1.00	15.00	5.95	7.05	6.50	0.04	3.90	
	135.00	150.00		1.00	15.00	7.05	6.95	7.00	0.04	4.20	
	150.00	165.00		1.00	15.00	6.95	6.44	6.70	0.04	4.02	
	165.00	180.00		1.00	15.00	6.44	6.45	6.45	0.04	3.87	
	180.00	195.00		1.00	15.00	6.45	6.64	6.55	0.04	3.93	
	195.00	210.00		1.00	15.00	6.64	6.05	6.35	0.04	3.81	
	210.00	225.00		1.00	15.00	6.05	6.75	6.40	0.04	3.84	
	225.00	240.00		1.00	15.00	6.75	5.54	6.15	0.04	3.69	
	240.00	255.00		1.00	15.00	5.54	6.65	6.10	0.04	3.66	
	255.00	270.00		1.00	15.00	6.65	6.65	6.65	0.04	3.99	
	270.00	285.00		1.00	15.00	6.65	6.64	6.65	0.04	3.99	
	285.00	300.00		1.00	15.00	6.64	6.25	6.45	0.04	3.87	
	300.00	315.00		1.00	15.00	6.25	6.94	6.60	0.04	3.96	
	315.00	327.00		1.00	12.00	6.94	7.65	7.30	0.04	3.50	
	327.00	330.00		1.00	3.00	7.65	7.34	7.50	0.04	0.90	
	330.00	346.00		1.00	16.00	7.34	5.45	6.40	0.04	4.09	
	3rd Cross Road										
	For Laying BC										
	0.00	15.00		1.00	15.00	12.10	11.10	11.60	0.04	6.96	
	15.00	30.00		1.00	15.00	11.10	10.90	11.00	0.04	6.60	
	30.00	45.00		1.00	15.00	10.90	10.90	10.90	0.04	6.54	

Consultant

For M/s. R M & COMPANY
Partner

Abhilly. N.D
Assistant Engineer
AE(W-7)

Assistant Executive Engineer.
Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	45.00	60.00		1.00	15.00	10.90	9.80	10.35	0.04	6.21	
	60.00	75.00		1.00	15.00	9.80	10.00	9.90	0.04	5.94	
	75.00	90.00		1.00	15.00	10.00	10.00	10.00	0.04	6.00	
	90.00	105.00		1.00	15.00	10.00	10.00	10.00	0.04	6.00	
	105.00	115.00		1.00	10.00	10.00	12.00	11.00	0.04	4.40	
	115.00	126.00		1.00	11.00	12.00	14.90	13.45	0.04	5.92	
	126.00	140.00		1.00	14.00	14.90	10.10	12.50	0.04	7.00	
	140.00	155.00		1.00	15.00	10.10	10.10	10.10	0.04	6.06	
	155.00	170.00		1.00	15.00	10.10	10.19	10.15	0.04	6.09	
	170.00	185.00		1.00	15.00	10.19	10.20	10.20	0.04	6.12	
	185.00	200.00		1.00	15.00	10.20	10.20	10.20	0.04	6.12	
	200.00	215.00		1.00	15.00	10.20	10.20	10.20	0.04	6.12	
	215.00	224.00		1.00	9.00	10.20	12.50	11.35	0.04	4.09	
	224.00	232.00		1.00	8.00	12.50	12.50	12.50	0.04	4.00	
	232.00	245.00		1.00	13.00	12.50	10.20	11.35	0.04	5.90	
	245.00	260.00		1.00	15.00	10.20	10.20	10.20	0.04	6.12	
	260.00	272.00		1.00	12.00	10.20	10.30	10.25	0.04	4.92	
	272.00	284.00		1.00	12.00	10.30	13.09	11.70	0.04	5.61	
	284.00	290.00		1.00	6.00	13.09	10.20	11.65	0.04	2.79	
	290.00	300.00		1.00	10.00	10.20	10.00	10.10	0.04	4.04	
	300.00	315.00		1.00	15.00	10.00	9.90	9.95	0.04	5.97	
	315.00	330.00		1.00	15.00	9.90	10.10	10.00	0.04	6.00	
	330.00	345.00		1.00	15.00	10.10	10.00	10.05	0.04	6.03	
	345.00	360.00		1.00	15.00	10.00	10.00	10.00	0.04	6.00	
	360.00	375.00		1.00	15.00	10.00	10.09	10.05	0.04	6.03	
	375.00	390.00		1.00	15.00	10.09	10.10	10.10	0.04	6.06	
	390.00	405.00		1.00	15.00	10.10	10.19	10.15	0.04	6.09	
	405.00	420.00		1.00	15.00	10.19	10.20	10.20	0.04	6.12	
	420.00	435.00		1.00	15.00	10.20	10.10	10.15	0.04	6.09	
	435.00	439.00		1.00	4.00	10.10	10.00	10.05	0.04	1.61	
	439.00	449.00		1.00	10.00	10.00	13.09	11.55	0.04	4.62	
	449.00	465.00		1.00	16.00	13.09	10.40	11.75	0.04	7.52	
	465.00	480.00		1.00	15.00	10.40	10.80	10.60	0.04	6.36	
	480.00	490.00		1.00	10.00	10.80	13.40	12.10	0.04	4.84	
	490.00	493.00		1.00	3.00	13.40	14.30	13.85	0.04	1.66	
							Total Quantity			300.14	Cum
	Add cost of Waste Plastic @ 8% of Bitumen Weight										
	Bitumen = 141 kg/cum						Total Qty			3385.58	Kgs

Consultant

For M/s. RAM & COMPANY

Partner

Assistant Engineer

AE (WP)

20/02/18

Assistant Executive Engineer

Yelahanka Zone, B.B.M.P.,

Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	13 th main										
	0.00	15.00	L/S	1.00	15.00					15.00	
	15.00	30.00	L/S	1.00	15.00					15.00	
	30.00	45.00	L/S	1.00	15.00					15.00	
	45.00	60.00	L/S	1.00	15.00					15.00	
	60.00	75.00	L/S	1.00	15.00					15.00	
	75.00	90.00	L/S	1.00	15.00					15.00	
	90.00	105.00	L/S	1.00	15.00					15.00	
	105.00	120.00	L/S	1.00	15.00					15.00	
	120.00	135.00	L/S	1.00	15.00					15.00	
	135.00	150.00	L/S	1.00	15.00					15.00	
	150.00	165.00	L/S	1.00	15.00					15.00	
	165.00	180.00	L/S	1.00	15.00					15.00	
	180.00	195.00	L/S	1.00	15.00					15.00	
	195.00	210.00	L/S	1.00	15.00					15.00	
	210.00	225.00	L/S	1.00	15.00					15.00	
	225.00	240.00	L/S	1.00	15.00					15.00	
	240.00	255.00	L/S	1.00	15.00					15.00	
	255.00	270.00	L/S	1.00	15.00					15.00	
	270.00	282.20	L/S	1.00	12.20					12.20	
	Deduction										
	Shoulder Drain										
				20.00	0.60					-12.00	
							Total Qty			**270.20**	
										600.00	**Nos**
33	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	13 th main										
	0.00	15.00	L/S	1.00	15.00			0.35		15.00	

Abhilly. N.D. AE(W7) 21/02/18

For M/s. RAM & COMPANY

Consultant

Partner

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	15.00	30.00	L/S	1.00	15.00			0.35		15.00	
	30.00	45.00	L/S	1.00	15.00			0.35		15.00	
	45.00	60.00	L/S	1.00	15.00			0.35		15.00	
	60.00	75.00	L/S	1.00	15.00			0.35		15.00	
	75.00	90.00	L/S	1.00	15.00			0.35		15.00	
	90.00	105.00	L/S	1.00	15.00			0.35		15.00	
	105.00	120.00	L/S	1.00	15.00			0.35		15.00	
	120.00	135.00	L/S	1.00	15.00			0.35		15.00	
	135.00	150.00	L/S	1.00	15.00			0.35		15.00	
	150.00	165.00	L/S	1.00	15.00			0.35		15.00	
	165.00	180.00	L/S	1.00	15.00			0.35		15.00	
	180.00	195.00	L/S	1.00	15.00			0.35		15.00	
	195.00	210.00	L/S	1.00	15.00			0.35		15.00	
	210.00	225.00	L/S	1.00	15.00			0.35		15.00	
	225.00	240.00	L/S	1.00	15.00			0.35		15.00	
	240.00	255.00	L/S	1.00	15.00			0.35		15.00	
	255.00	270.00	L/S	1.00	15.00			0.35		15.00	
	270.00	282.20	L/S	1.00	12.20			0.35		12.20	
	Deduction										
	Shoulder Drain										
				20.00	0.60					-12.00	
								Total Qty		**270.20**	**Sqm**
										Abhilly .N.D AE(W7)	
34	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	13 th main										
	0.00	15.00	L/S	1.00	15.00			1.00	0.30	4.50	
	15.00	30.00	L/S	1.00	15.00			1.00	0.30	4.50	
	30.00	45.00	L/S	1.00	15.00			1.00	0.30	4.50	
	45.00	60.00	L/S	1.00	15.00			1.00	0.30	4.50	
	60.00	75.00	L/S	1.00	15.00			1.00	0.30	4.50	
	75.00	90.00	L/S	1.00	15.00			1.00	0.30	4.50	
	90.00	105.00	L/S	1.00	15.00			1.00	0.30	4.50	
	105.00	120.00	L/S	1.00	15.00			1.00	0.30	4.50	
	120.00	135.00	L/S	1.00	15.00			1.00	0.30	4.50	
	135.00	150.00	L/S	1.00	15.00			1.00	0.30	4.50	
	150.00	165.00	L/S	1.00	15.00			1.00	0.30	4.50	

Consultant

For M/s. P[illegible] COMPANY

Partner

Abhilly .N.D. AE(W7)

Assistant Engineer

Assistant Executive Engineer

Yelahanka Zone, B.B.M.P. Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	165.00	180.00	L/S	1.00	15.00			1.00	0.30	4.50	
	180.00	195.00	L/S	1.00	15.00			1.00	0.30	4.50	
	195.00	210.00	L/S	1.00	15.00			1.00	0.30	4.50	
	210.00	225.00	L/S	1.00	15.00			1.00	0.30	4.50	
	225.00	240.00	L/S	1.00	15.00			1.00	0.30	4.50	
	240.00	255.00	L/S	1.00	15.00			1.00	0.30	4.50	
	255.00	270.00	L/S	1.00	15.00			1.00	0.30	4.50	
	270.00	282.20	L/S	1.00	12.20			1.00	0.30	3.66	
								Total Qty		**84.66**	**Cum**
35	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	13 th main										
	0.00	15.00	L/S	1.00	15.00			1.00		15.00	
	15.00	30.00	L/S	1.00	15.00			1.00		15.00	
	30.00	45.00	L/S	1.00	15.00			1.00		15.00	
	45.00	60.00	L/S	1.00	15.00			1.00		15.00	
	60.00	75.00	L/S	1.00	15.00			1.00		15.00	
	75.00	90.00	L/S	1.00	15.00			1.00		15.00	
	90.00	105.00	L/S	1.00	15.00			1.00		15.00	
	105.00	120.00	L/S	1.00	15.00			1.00		15.00	
	120.00	135.00	L/S	1.00	15.00			1.00		15.00	
	135.00	150.00	L/S	1.00	15.00			1.00		15.00	
	150.00	165.00	L/S	1.00	15.00			1.00		15.00	
	165.00	180.00	L/S	1.00	15.00			1.00		15.00	
	180.00	195.00	L/S	1.00	15.00			1.00		15.00	
	195.00	210.00	L/S	1.00	15.00			1.00		15.00	
	210.00	225.00	L/S	1.00	15.00			1.00		15.00	
	225.00	240.00	L/S	1.00	15.00			1.00		15.00	
	240.00	255.00	L/S	1.00	15.00			1.00		15.00	
	255.00	270.00	L/S	1.00	15.00			1.00		15.00	
	270.00	282.20	L/S	1.00	12.20			1.00		12.20	

AE(Civil). N.D 21/02/18

EJMS CONSULTANTS Consultant

For M/s. RAMA COMPANY Partner

AE(Civil). N.D Assistant Engineer

Assistant Executive Engineer Kodigehalli Sub Division Yelahanka Zone, B.B.M.P. Bangalore.

Name Of work : - Improvements to Roads and Drains at Coffe Board Layout, Mariyannapalya and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Deduction									
	shoulder drain									
									-12.00	
								Total Qty	**270.20**	**Sqm**
37	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	Park Road - EDGE LINE				2	346.00	0.10		69.20	
	Park Road - CENTER LINE				58	3.00	0.10		17.40	
	Coffe Board Main Road-EDGE LINE				2	493.00	0.10		98.60	
	Coffe Board Main Road-CENTER				82	3.00	0.10		24.60	
								Total Qty	**209.80**	**Sqm**

Consultant

For M/s. RAMA COMPANY

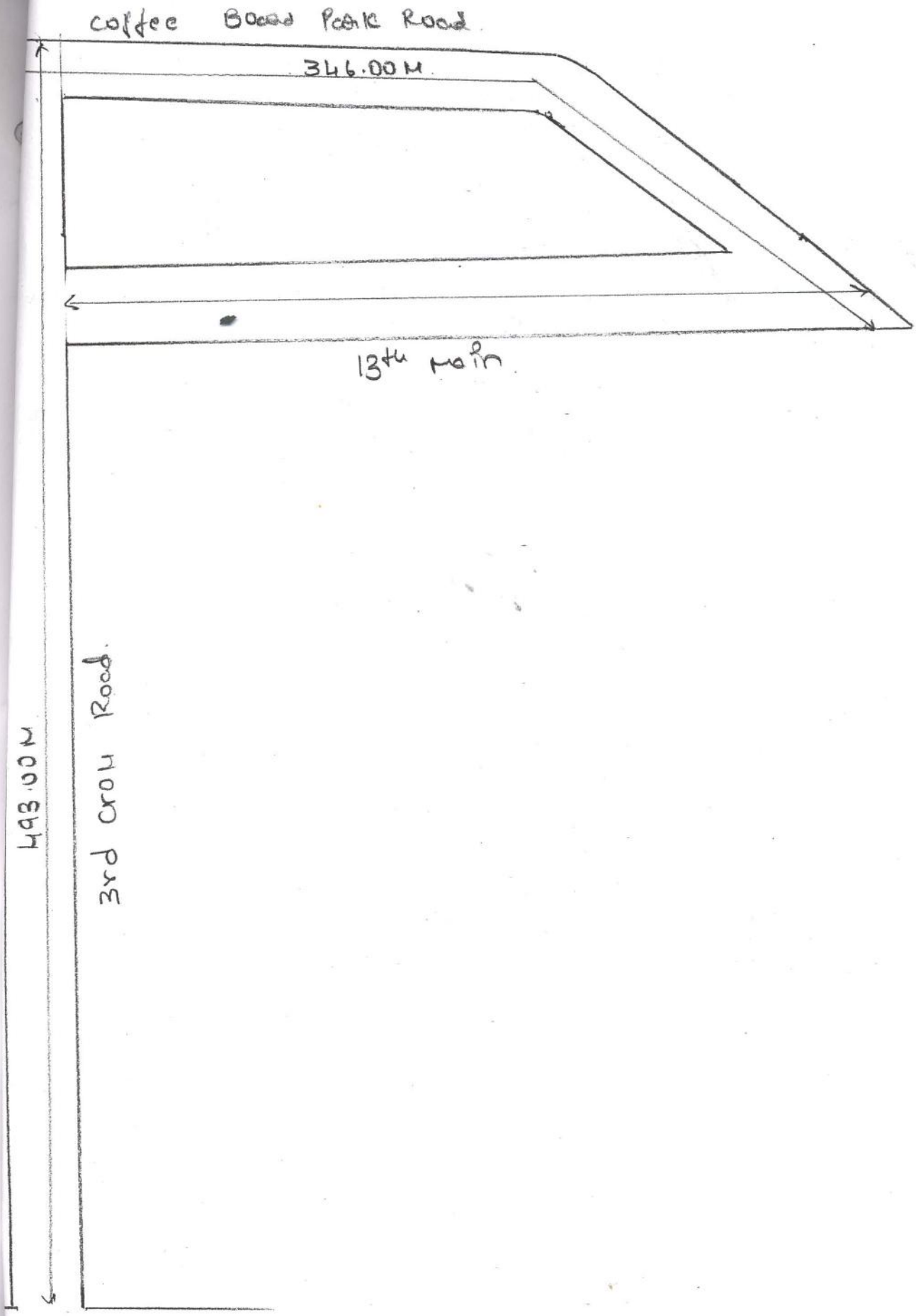
Partner

Assistant Engineer

AE(W2)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.



TEJUS CONSULTANTS

AE(W)